## DT07 Rec'd PCT/PTO 1 1 MAR 2005

PTO-1390 (Rev. 12-2004) Approved for use through 3/31/2007. OMB 0651-0021

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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED

	FC17CA2003/0			September 12, 2		<u></u>	September 12, 20	.002
	OF INVENTION	Engineered Enzyme		Use for Synthe	sis of Thioglyc	osides E		
		D/EO/US Withers, et a						)
	it herewith submi	nits to the United States	• Designated	J/Elected Office	(DO/EO/US) t	the followir	ng items and other	information:
1. X		F submission of items c						
2.		OND or SUBSEQUENT						_
3.	(5), (6), (9) and (	ess request to begin na l (21) indicated below.		ination procedu	ıres (35 U.S.C.	. 371 (f)). <sup>-</sup>	The submission mi	ust include items
4. X		en elected (Article 31).						
5. X	_	nternational Application						
		ached hereto (required			by the Internation	onal Burea	au).	
	b. X has be	peen communicated by	the Internati	tional Bureau.				
_		t required, as the applic					· ·	
6.		guage translation of the	Internationa	al Application as	s filed (35 U.S.	.C. 371(c)(	(2)).	
		ached hereto.						
		peen previously submitte						
7.		the claims of the Inten						
		ttached hereto (required			by the Internat	itional Bure	eau).	
		been communicated by						
		not been made; howeve			such amendn و	nents has	NOT expired.	
		not been made and will						
		uage translation of the			under PCT Ar	ticle 19 (3:	5 U.S.C. 371(c)(3))	·
9.	An oath or declar	aration of the inventor(s	s) (35 U.S.C.	. 371(c)(4)).				
,	Article 36 (35 U.S			•		Examinatio	on Report under PC	т
		w concern document(						
		Disclosure Statement u						:
12.	An assignment d	document for recording.	j. A separate	e cover sheet ir	n compliance v	with 37 CFI	R 3.28 and 3.31 is	included.
13. 🗶	A preliminary am	nendment.						I
14	An Application D	Data Sheet under 37 CF	FR 1.76.					•
	A substitute spec							
		ney and/or change of a						
		dable form of the seque					d 37 CFR 1.821 - 1	.825.
		of the published Internat						
		of the English language					5 U.S.C. 154(d)(4).	,
	Other items or inf							1

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes by the GSF To to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 UFK 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICA	TONNO DATENIA	\$66 37 (GFR 1.5)	INTERNATIONAL APP PCT/CA2003/	LICATION NO.	ATTORNEY'S DOCKET NUMBER UBC.P-034-US						
21. The follow	ing fees are submitte	ed:			323	1					
X a) Basi	c national fee	\$300.00	<del>,  </del> -								
	nination fee		\$500.00								
	ch fee	\$200.00	<del></del>								
		OF ABOVE CAL		200 \$0.00							
Additional f	ee for specification and	\$1,000.00	<u>'</u>								
additional 5	0 sheets of paper or fra	action thereof.		or each	ļ						
Total Sheets Extra sheets		Number of each thereof (round u	additional 50 or fraction  p to a whole number)								
6 -100 =	0 /50 =		0 ´	× 250	\$0.00						
Surcharge of \$1: claimed priority of	30.00 for furnishing th date (37 CFR 1.492 (e	\$0.00	1								
CLAIMS	NUMBE	R FILED NUMBER EXTRA RATE			\$						
Total claims 22		2 - 20 =	2	X \$50.00	\$100.00	<u> </u>					
Independent cla		3 - 3 =	0	X \$200.00	\$0.00	<del> </del>					
MULTIPLE DEF	PENDENT CLAIM(S)	(if applicable)		+ \$360.00	\$0.00						
			TOTAL OF ABOVE CAL		\$1,100.00						
X Applican reduced	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.										
				SUBTOTAL =	\$550.00						
Processing fee o earliest claimed p	f <b>\$130.00</b> for furnishin priority date (37 CFR	\$0.00									
		\$550.00									
Fee for recording accompanied by	the enclosed assignr an appropriate cover	\$0.00									
		\$550.00									
	•	Amount to be refunded:	\$								
					Amount to be charged:	\$					
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c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0610 A duplicate copy of this sheet is enclosed.											
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NOTE: Where an	appropriate time lin	it under 37 CFR	1 495 has not been met a			)) must be filed					
•		ai Application to	pending status.		1						
SEND ALL COR	RESPONDENCE TO	O:	yma	nima 4							
	SIGNATURE										
021121											
Marina T. Larson, Ph.D  NAME											
	32,038  REGISTRATION NUMBER										
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